

## ABSTRACT

A fuel cell device for providing electrical energy, the fuel cell device comprising a first storage tank for storing a hydrogen-based fuel, a second storage tank for storing an oxidant, a fuel cell portion having an electron input, an electrolysis portion having an electron output, and an electrolyte recovery unit. A method for generating electrical energy using a fuel cell device having a fuel cell portion and an electrolysis portion is also provided.

0950091-091001  
"FOOT 50" T6005660